

PATENT APPLICATION SERIAL NO. \_\_\_\_\_

U.S. DEPARTMENT OF COMMERCE  
PATENT AND TRADEMARK OFFICE  
FEE RECORD SHEET

09/11/2018 10:45:00 AM

PTO-1556  
(5/87)

JC8900 U.S. PTO  
00/92/80

A

PTO/SB/05 (1/98)

Approved for use through 09/30/2000, OMB 0651-0032

Patent and Trademark Office: U.S. DEPARTMENT OF COMMERCE

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# UTILITY PATENT APPLICATION TRANSMITTAL

(Only for new nonprovisional applications under 37 CFR 1.53(b))

Attorney Docket No. GR1-2790-U

First Inventor or Application Identifier MATHUR, Vijay

Title MULTI-PHASE CALCIUM SILICATE HYDRATES, METHODS FOR THEIR PREPARATION, AND IMPROVED PAPER AND PIGMENT PRODUCTS, et al.

Express Mail Label No. EK389892070US

## APPLICATION ELEMENTS

See MPEP chapter 600 concerning utility patent application contents.

1.  \*Please charge the fees indicated on the attached fee transmittal and credit overpayments or charge any and all fees due throughout the pendency of this application to Deposit Account No. 07-1613.

2.  Specification [Total Pages 78] (preferred arrangement set forth below)

- Descriptive title of the Invention
- Cross References to Related Applications
- Statement Regarding Fed sponsored R & D
- Reference to Microfiche Appendix
- Background of the Invention
- Brief Summary of the Invention
- Brief Description of the Drawings (if filed)
- Detailed Description
- Claim(s)
- Abstract of the Disclosure

3.  Drawing(s) (35 U.S.C. 113) [Total Sheets 22]

4. Oath or Declaration [Total Pages 51]

a.  Newly executed (original or copy)

b.  Copy from a prior application (37 C.F.R. § 1.63(d)) (for continuation/divisional with Box 17 completed) [Note Box 5 below]

i.  DELETION OF INVENTOR(S)  
Signed statement attached deleting inventor(s) named in the prior application, see 37 C.F.R. §§ 1.63(d)(2) and 1.33(b).

5.  Incorporation By Reference (useable if Box 4b is checked)  
The entire disclosure of the prior application, from which a copy of the oath or declaration is supplied under Box 4b, is considered to be part of the disclosure of the accompanying application and is hereby incorporated by reference therein.

17. If a CONTINUING APPLICATION, check appropriate box, and supply the requisite information below and in a preliminary amendment:

Continuation  Divisional  Continuation-in-part (CIP)

of prior application No. \_\_\_\_\_

Prior application information: Examiner \_\_\_\_\_

Group / Art Unit: \_\_\_\_\_

## 18. CORRESPONDENCE ADDRESS

Customer Number or Bar Code Label 20793 or  Correspondence address below  
(Insert Customer No. or Attach bar code label here)

Name			
Address			
City	State	Zip Code	
Country	Telephone	Fax	
Name (Print/Type)	R. Reams Goodloe, Jr.		Registration No. (Attorney/Agent)
Signature	R. Reams Goodloe, Jr.		Date 08/26/2000

Burden Hour Statement: This form is estimated to take 0.2 hours to complete. Time will vary depending upon the needs of the individual case. Any comments on the amount of time you are required to complete this form should be sent to the Chief Information Officer, Patent and Trademark Office, Washington, DC 20231. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Assistant Commissioner for Patents, Box Patent Application, Washington, DC 20231.

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# FEE TRANSMITTAL

## for FY 2000

Patent fees are subject to annual revision  
Small Entity payments must be supported by a small entity statement,  
otherwise large entity fees must be paid. See Forms PTO/SB/09-12  
See 37 CFR Sec. 1.27 and 1.28.

**TOTAL AMOUNT OF PAYMENT** **(\$)** **676.00**

### Complete if Known

Application Number	Not assigned
Filing Date	August 26, 2000
First Named Inventor	Mathur, Vijay K.
Examiner Name	Not assigned
Group / Art Unit	Not assigned
Attorney Docket No.	GR1-2790-U

### METHOD OF PAYMENT (check one)

1.  The Commissioner is hereby authorized to charge indicated fees and credit any over payments to:

Deposit Account Number **07-1613**  
Deposit Account Name **R. Reams Goodloe, P.S.**

Charge Any Additional Fee Required Under 37 C.F.R. §§ 1.16 and 1.17

2.  Payment Enclosed:

Check  Money Order  Other

### FEE CALCULATION

#### 1. BASIC FILING FEE

Large Entity Fee Code (\$)	Small Entity Fee Code (\$)	Fee Description	Fee Paid
101 690	201 345	Utility filing fee	<b>345.00</b>
106 310	206 155	Design filing fee	
107 480	207 240	Plant filing fee	
108 690	208 345	Reissue filing fee	
114 150	214 75	Provisional filing fee	
<b>SUBTOTAL (1)</b>		<b>(\$)</b>	<b>345.00</b>

#### 2. EXTRA CLAIM FEES

	Extra Claims	Fee from below	Fee Paid
Total Claims	<b>38</b>	$20 \times 18 = 360$	<b>162</b>
Independent Claims	<b>4</b>	$3 \times 39 = 117$	<b>39</b>
Multiple Dependent			<b>120</b>

\*\*or number previously paid, if greater; For Reissues, see below

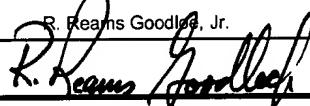
Large Entity Fee Code (\$)	Small Entity Fee Code (\$)	Fee Description
103 18	203 9	Claims in excess of 20
102 78	202 39	Independent claims in excess of 3
104 260	204 130	Multiple dependent claim, if not paid
109 78	209 39	** Reissue independent claims over original patent
110 18	210 9	** Reissue claims in excess of 20 and over original patent
<b>SUBTOTAL (2)</b>		<b>(\$)</b> <b>3.31</b>

#### 3. ADDITIONAL FEES

Large Entity Fee Code (\$)	Small Entity Fee Code (\$)	Fee Description	Fee Paid
105 130	205 65	Surcharge - late filing fee or oath	
127 50	227 25	Surcharge - late provisional filing fee or cover sheet	
139 130	139 130	Non-English specification	
147 2,520	147 2,520	For filing a request for reexamination	
112 920*	112 920*	Requesting publication of SIR prior to Examiner action	
113 1,840*	113 1,840*	Requesting publication of SIR after Examiner action	
115 110	215 55	Extension for reply within first month	
116 380	216 190	Extension for reply within second month	
117 870	217 435	Extension for reply within third month	
118 1,360	218 680	Extension for reply within fourth month	
128 1,850	228 925	Extension for reply within fifth month	
119 300	219 150	Notice of Appeal	
120 300	220 150	Filing a brief in support of an appeal	
121 260	221 130	Request for oral hearing	
138 1,510	138 1,510	Petition to institute a public use proceeding	
140 110	240 55	Petition to revive - unavoidable	
141 1,210	241 605	Petition to revive - unintentional	
142 1,210	242 605	Utility issue fee (or reissue)	
143 430	243 215	Design issue fee	
144 580	244 290	Plant issue fee	
122 130	122 130	Petitions to the Commissioner	
123 50	123 50	Petitions related to provisional applications	
126 240	126 240	Submission of Information Disclosure Stmt	
581 40	581 40	Recording each patent assignment per property (times number of properties)	
146 760	246 345	Filing a submission after final rejection (37 CFR 1.129(a))	
149 760	249 345	For each additional invention to be examined (37 CFR 1.129(b))	
Other fee (specify) _____			
Other fee (specify) _____			
Reduced by Basic Filing Fee Paid		<b>SUBTOTAL (3)</b>	<b>(\$)</b>

### SUBMITTED BY

Typed or Printed Name **R. Reams Goodloe, Jr.**

Signature 

Complete (if applicable)

Reg. Number **32,466**

Date **08/26/2000**

Deposit Account User ID **4035**

Burden Hour Statement: This form is estimated to take 0.2 hours to complete. Time will vary depending upon the needs of the individual case. Any comments on the amount of time you are required to complete this form should be sent to the Chief Information Officer, Patent and Trademark Office, Washington, DC 20231. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Assistant Commissioner for Patents, Washington, DC 20231. EXPRESS MAIL LABEL NO.: EK389892070US

**CERTIFICATE OF MAILING**

I hereby certify that this paper (along with any paper referred to as being attached or enclosed) is being deposited with the United States Postal Service on the date shown below in an envelope as "Express Mail Post Office to Addressee" mailing Label Number EK389892070US addressed to:

Assistant Commissioner for Patents  
Washington, D.C. 20231

  
Signature of Depositor

Rhonda Goodloe \_\_\_\_\_  
Print Name of Depositor

Date: August 26, 2000

IN THE UNITED STATES

PATENT AND TRADEMARK OFFICE

Attention: Box Patent Application  
Assistant Commissioner for Patents  
Washington, D.C. 20231

**NEW APPLICATION TRANSMITTAL**

Transmitted herewith for filing is the patent application  
of:

Inventor(s): MATHUR, Vijay K.

For: (Title): MULTI-PHASE CALCIUM SILICATE HYDRATES, METHODS  
FOR THEIR PREPARATION, AND IMPROVED PAPER AND PIGMENT  
PRODUCTS PRODUCED THEREWITH

**1. Type of Application**

This new application is for a(n)

- Original (nonprovisional)
- Design
- Divisional
- Continuation
- Continuation-In-Part (CIP)

2. Benefit of Prior U.S. Application(s) (35 U.S.C.  
§§ 119(e), 120, or 121).

The new application being transmitted claims the benefit of prior U.S. application(s). Enclosed are ADDED PAGES FOR NEW APPLICATION TRANSMITTAL WHERE BENEFIT OF PRIOR U.S. APPLICATION(S) CLAIMED.

3. Papers Enclosed

A. Required for filing date under 37 C.F.R. § 1.53(b) (Regular) or 37 C.F.R. § 1.153 (Design) Application

70 Pages of specification

7 Pages of claims

22 Sheets of formal drawings (Figs. 1-39)

B. Other Papers Enclosed

5 Pages of declaration and power of attorney

1 Pages of abstract

X Other (Return Receipt Postcard); 7 pages of Abstract

4. Additional papers enclosed

Preliminary Amendment  
 Information Disclosure Statement (37 C.F.R. § 1.98)  
 Form PTO-1449  
 Citations

5. Declaration or Oath (including Power of Attorney)

Enclosed  
Executed by the inventors  
 Not enclosed

6. Inventorship Statement

The inventorship for all the claims in this application are:

The same  
 Not the same. An explanation, including the ownership of the various claims at the time the last claimed invention was made,

is submitted.  
 will be submitted.

7. Language

English

8. Assignment

An assignment of the invention to  
G.R. INTERNATIONAL, INC.

is attached. Form PTO 1595 is also attached.  
 will follow.

9. Certified Copy

Certified copy(ies) of application(s) :

Country	Appln. No.	Filed

Country	Appln. No.	Filed

from which priority is claimed

is (are) attached.  
 will follow.

10. Fee Calculation (37 C.F.R. § 1.16)

A.  Regular Application

CLAIMS AS FILED			
Number Filed	Number Extra	Rate	Basic Fee 37 CFR. §1.16(a) \$690.00
Total Claims (37 CFR § 1.16c)) <u>38</u> - 20 =	<u>18</u>	x \$18.00	\$ <u>324.00</u>
Independent Claims (37 CFR § 1.16b)) <u>4</u> - 3 =	<u>1</u>	x \$78.00	\$ <u>78.00</u>
Multiple dependent claims (37 CFR § 1.16)) <u>✓</u>		+ \$260.00	\$ <u>260.00</u>
			<u>1352</u>

Amendment canceling extra claims is enclosed.  
 Amendment deleting multiple-dependencies is enclosed.  
 Fee for extra claims not being paid at this time.

FILING FEE CALCULATION: \$ 1352.00

B.  Design application  
(\$310.00 - 37 C.F.R. § 1.16(f))  
FILING FEE CALCULATION: \$ \_\_\_\_\_

11. Small Entity Statement(s)

Statement(s) that this is a filing by a small entity under 37 C.F.R. § 1.9 and 1.27 is (are) attached.

Status as a small entity was claimed in prior application \_\_\_\_/\_\_\_\_, filed on \_\_\_\_\_ from which benefit is being claimed for this application under:

35 U.S.C. §  119 (e),  
 120,  
 121  
 365 (c),

and which status as a small entity is still proper and desired.

A copy of the statement in the prior application is included.

Filing Fee Calculation (50% of A, B, or C above).

\$ 676.00

12. Fee Payment Being Made At This Time

Not enclosed.  
 No filing fee is to be paid at this time.

Enclosed

Filing Fee: \$ 676.00  
 Recording Assignment

(\$40.00; 37 C.F.R. § 1.21 (h)) \$ \_\_\_\_\_

TOTAL FEES ENCLOSED: \$ \_\_\_\_\_

13. Method of Payment of Fees

Check in the amount of \$ \_\_\_\_\_.  
Charge Account No. \_\_\_\_\_ in the amount of \$ \_\_\_\_\_.  
A duplicate of this transmittal is attached.

14. Authorization to Charge Additional Fees

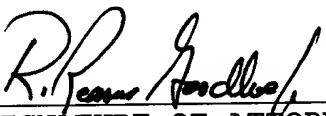
The Commissioner is hereby authorized to charge the following additional fees by this paper and during the entire pendency of this application to Account No.: 07-1613.

37 C.F.R. § 1.16(a), (f) or (g) (filing fees)  
 37 C.F.R. § 1.16(b), (c) and (d) (presentation of extra claims)  
 37 C.F.R. § 1.16(e) (surcharge for filing the basic filing fee and/or declaration on a date later than the filing date of the application)  
 37 C.F.R. § 1.17(a)(1)-(5) (extension fees pursuant to § 1.136(a)).  
 37 C.F.R. § 1.17 (application processing fees)  
 37 C.F.R. § 1.18 (issue fee at or before mailing of Notice of Allowance, pursuant to 37 C.F.R. § 1.311(b)).

15. Instructions as to Overpayment

Credit Account No.: 07-1613.

Date: August 26, 2000

  
\_\_\_\_\_  
SIGNATURE OF ATTORNEY

Phone: 253-859-9128  
Fax: 253-859-8915

R. Reams Goodloe, Jr.  
Reg. No. 32,466

Customer  
No.: 20793

Suite 3  
10725 - S.E. 256<sup>th</sup> Street  
Kent, Washington  
98031-6426

**Incorporation by reference of added pages**

Plus Added Pages for New Application Transmittal  
Where Benefit of Prior U.S. Application(s) Claimed

Number of pages added: 3

Plus Added Pages for Papers Referred to in Item 4  
above.

Number of pages added: \_\_\_\_\_

Plus added pages deleting names of inventor(s)  
named in prior application(s) who is/are no longer  
inventor(s) of the subject matter claimed in this  
application.

Number of pages added: \_\_\_\_\_

**Statement Where No Further Pages Added**

This transmittal ends with this page.

ADDED PAGES FOR APPLICATION TRANSMITTAL WHERE BENEFIT OF  
PRIOR U.S. APPLICATION CLAIMED

16. Relate Back

Amend the application by inserting, before the first line, the following sentence:

A. 35 USC § 119(e)

"This application claims the benefit of U.S. Provisional Application(s) No(s)..:

Application No.: 60/150,862 Filed: August 26, 1999

B. 35 USC §§ 120, 121 and 365(c)

"This application is a  
 continuation  
 continuation-in-part  
 divisional

of copending application(s)

application number \_\_\_\_/\_\_\_\_ filed  
on \_\_\_\_\_.  
 International Application \_\_\_\_\_  
filed on \_\_\_\_\_ and which  
designated the U.S."  
 "The nonprovisional application designated above,  
namely application \_\_\_\_/\_\_\_\_\_, filed  
\_\_\_\_\_, claims the benefit of U.S. Provisional  
Application(s) No.(s)..:

Application No.: \_\_\_\_\_/\_\_\_\_\_ Filed: \_\_\_\_\_

17. Relate Back - 356 USC § 119 Priority Claim for Prior Application

The prior U.S. application(s), including any prior International Application designating the U.S., identified above in item 16B, in turn itself claim(s) foreign priority(ies) as follows:

---

Country	Application No.	Filed on
---------	-----------------	----------

The certified copy(ies) has (have)

- been filed on \_\_\_\_\_, in prior application  
\_\_\_\_\_/\_\_\_\_\_, which was filed on \_\_\_\_\_.
- is (are) attached.

**18. Maintenance of Copendency of Prior Application**

- A.**  Extension of time in prior application  
 A petition, fee and response extends the term in  
the pending prior application until \_\_\_\_\_.
  - A copy of the petition filed in prior  
application is attached.
- B.**  Conditional Petition for Extension of Time in  
Prior Application  
 A conditional petition for extension of time is  
being filed in the pending prior application.
  - A copy of the conditional petition filed in  
the prior application is attached.

**19. Further Inventorship Statement Where Benefit of Prior  
Application(s) Claimed**

- (a)**  This application discloses and claims only subject  
matter disclosed in the prior application whose  
particulars are set out above and the inventor(s)  
in this application are:

- the same.
- less than those named in the prior  
application. It is requested that the  
following inventor(s) identified for the  
prior application be deleted:

---

- (b)**  This application discloses and claims additional  
disclosure by amendment and a new declaration or  
oath is being filed. With respect to the prior  
application, the inventor(s) in this application  
are:

- the same.
- the following additional inventor(s) have  
been added:

(c)  The inventorship for all the claims in this application are:

the same.

not the same. An explanation, including the ownership of the various claims at the time the last claimed invention was made

is submitted  
 will be submitted.

**20. Abandonment of Prior Application**

Please abandon the prior application at a time while the prior application is pending, or when the petition for extension of time or to revive in that application is granted, and when this application is granted a filing date, so as to make this application copending with said prior application.

**21. Small Entity (37 CFR § 1.28(a))**

Applicant has established small entity status by the filing of a statement in parent application

A copy of the statement previously filed is included.

**22. NOTIFICATION IN PARENT APPLICATION OF THIS FILING**

A notification of the filing of this

continuation  
 continuation-in-part  
 divisional

is being filed in the parent application, from which this application claims priority under 35 USC § 120.